

## Abstract

An aquarium-cleaning device, particularly an aquarium-cleaning device in which spent grain charcoal is used as formed charcoal. The formed charcoal provided by drying, forming, and carbonizing organic substances produced in food industries is used as a microorganism carrier. Such problems with a conventional device that the structure of the aquarium-cleaning device is complicated, the washing operation thereof is troublesome, and a filter medium must be frequently replaced can be solved by using the spent grain charcoal performing higher water-quality purification than a conventional activated charcoal as an aquarium-cleaning material.